

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: To Be Assigned
Applicant: Tetsuo TERASHIMA, et al.
Filed: April 21, 2004
Title: THERMAL STORAGE APPARATUS AND THERMAL STORAGE METHOD
TC/A.U.: To Be Assigned
Examiner: To Be Assigned

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. A copy of each of the listed references is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

The following Japanese references are not in the English language:

- 1) 61-128071
- 2) Thermal Storage Technology - Theory And Application Thereof I
- 3) Thermal Storage Technology - Theory And Application Thereof II
- 4) 05-172481
- 5) 05-118593

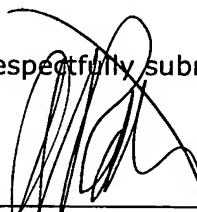
Reference 1 is not in the English language. A "concise explanation" under 37 CFR § 1.98(a)(3) is also set forth in the specification at page 4.

References 2) and 3) are not in the English language. A "concise explanation" under 37 CFR § 1.98(a)(3) is also set forth in the specification at pages 1 and 2.

References 4) and 5) include English language abstracts and a "concise explanation" under 37 CFR § 1.98(a)(3) is also set forth in the specification at page 2.

This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,



Allan Ratner
Attorney for Applicants

AR/dmw

Enclosures: PTO Form 1449
(5) References
Transmittal Form

Dated: April 21, 2004

P.O. Box 980
Valley Forge, PA 19482
(610) 407-0700

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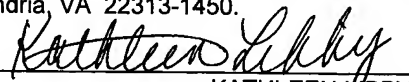
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Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

Complete if Known

Application Number	To Be Assigned
Filing Date	April 21, 2004
First Named Inventor	Tetsuo TERASHIMA, et al.
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket No.	MTS-3517US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		JP 61-128071 (with English Abstract)	06/16/1986			<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
		JP 05-172481 (with English Abstract)	07/09/1993	TECHNOL RES ASSOC SUPER HEAT PUMP ENERG ACCUM SYST		<input type="checkbox"/>
		JP 05-118593 (with English Abstract)	05/14/1993	HITACHI LTD		<input type="checkbox"/>
						<input type="checkbox"/>
Examiner Signature				Date Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number

Filing Date

First Named Inventor

Art Unit

Examiner Name

Attorney Docket No.

SHEET 2 of 2**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Chemical Industry Council, THERMAL STORAGE TECHNOLOGY - THEORY AND APPLICATION THEREOF I, Sinzansha Sci-tech, October 10, 1996	<input type="checkbox"/>
		Chemical Industry Council, THERMAL STORAGE TECHNOLOGY - THEORY AND APPLICATION THEREOF II, Sinzansha Sci-tech, August 30, 2001	<input type="checkbox"/>
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²Applicant is to place a check mark here if English language translation is attached.

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